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# ALFALFA AND BROME MIXTURES For Southeast Nebraska



Why plant brome with alfalfa for hay?

Much soil erosion occurs in fields in alfalfa, and after the alfalfa is plowed up.

Alfalfa does not have fine, fibrous carbonaceous roots that bind the soil as brome roots will do.

When we plow up a field of alfalfa, we have trouble with corn firing and small grain lodging. This is due to a large amount of available nitrogen resulting from the alfalfa. Brome grass is a heavy user of nitrogen and will eliminate some of the difficulty encountered with firing and lodging of the crop following alfalfa.

Alfalfa - Hardistan, Ranger, Cossak, Hardy Approved.

STRAIN TO SOW

Brome - Southern Nebraska or Certified Lincoln Brome

Beware of downy brome, hairy chess, and curled dock.

RATE OF SEEDING	8 - 12 lbs. of alfalfa)	for hay
	3 - 8 lbs. of brome )	
	12 - 15 lbs. of brome )	for pasture
	1 - 3 lbs. of alfalfa)	

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Rates will depend on how long it is planned to use alfalfa for hay. It is recommended the mixture (hay) be used for hay 3 - 5 years, then pasture 3 - 5 years and then plowed up. Brome grass is high in protein. Brome will usually show up only in the first cutting of alfalfa hay.

DATE OF SEEDING      April 1 to 20, or August 1 to September 15 - Alfalfa and Brome for Hay, March 15 to April 20, or August 1 to September 15 - Brome and Alfalfa for pasture.

DEPTH OF SEEDING      One-fourth to one-half inch.

METHOD OF SEEDBED PREPARATION - Disk lightly, sub-till, pack thoroughly. All operations should be performed on the contour.

METHOD OF SEEDING - Drill or broadcast in front of packer. An agitator in the drill box is quite essential for brome. The ground should always be firmed with a cultipacker or land roller.

NURSE CROP      Seed without nurse crop in spring; 1 peck of oats or barley in fall.

TREATMENT AFTER SEEDING - Clip weeds early and often.

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